

# Oil Field Environmental Incident Summary

**Incident:** 20150619151111

**Date/Time of Notice:** 06/19/2015 15:11

**Responsible Party:** CONDOR PETROLEUM, INC.

**Well Operator:** CONDOR PETROLEUM, INC.

**Well Name:** HOLTE 2

**Field Name:** STONEVIEW

**Well File #:** 13477

**Date Incident:** 6/18/2015

**Time Incident:** 17:15

**Facility ID Number:**

**County:** DIVIDE

**Twp:** 160

**Rng:** 95

**Sec:** 2

**Qtr:** NW SE

**Location Description:** in creek bottom of flow line

**Submitted By:** JoAnn Klevenberg

**Received By:**

**Contact Person:** Steve Tracy  
216 16TH STREET SUITE 1750  
DENVER, CO 80202

**General Land Use:** Well/Facility Site

**Affected Medium:** Surface Water

**Distance Nearest Occupied Building:** 1 Mile

**Distance Nearest Water Well:** 1 Mile

**Type of Incident:** Pipeline Leak

**Release Contained in Dike:** Yes - On Facility Site

**Reported to NRC:** No

|              | <b>Spilled</b> | <b>Units</b> | <b>Recovered</b> | <b>Units</b> | <b>Followup</b> | <b>Units</b> |
|--------------|----------------|--------------|------------------|--------------|-----------------|--------------|
| <b>Oil</b>   | 1              | Barrels      | 1                | Barrels      |                 |              |
| <b>Brine</b> | 39             | Barrels      | 39               | Barrels      |                 |              |

**Other**

**Description of Other Released Contaminant:**

none

**Inspected:**

**Written Report Received:**

**Clean Up Concluded:**

**Risk Evaluation:**

none

**Areal Extent:**

nonje

**Potential Environmental Impacts:**

none

**Action Taken or Planned:**

heat waves is pilling out sw & oil in creek bottom

**Wastes Disposal Location:** sw will be put back in tank & bs will be hauled to bs tank in yard

**Agencies Involved:**

**Updates**

**Date:** 6/19/2015    **Status:** Reviewed - Follow-up Required

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Phone call with report contact and field personnel, spill not contained to facility, spill was in creek as indicated in report. Creek has some water in it from recent rains, but is being contained by onsite personnel, according to field personnel. Current plan is to get all released liquid removed by tonight. Company will take samples to verify cleanup is complete. Department communicated high priority on keeping spill contained if all released liquids are not completely removed by tonight, due to incoming rains.

**Updated Oil Volume:****Updated Salt Water Volume:****Updated Other Volume:****Updated Other Contaminant****Notes:**

I arrived at the site at 17:00 p.m. The weather was clear, 68°F, with the wind from the northwest 10-15 mph. The pipeline broke on the south side of the section line road to the north of the wells. The line broke on the east side of culvert in the road on the upslope. There was an oil stain in this area, crews were washing the oil down the drainage to the north wetland in the section with the line. The drainage was flowing south from another wetland on the north side of section line. This drainage flows into the wetland to the north wetland; this wetland has a built up dike with a culvert to discharge water. Water was flowing out of this culvert into another drainage that flows south into another wetland. This wetland was flowing into another drainage that flows into the lake. The company has placed booms on the north side of culvert on the north wetland; I could not see any oil sheen near the booms. I could see oil sheen in the area they were pumping and in the drainage between the section road and the north wetland. There was also vegetation with oil stains. I could not see oil sheen south dike and culvert of the north wetland. They have been pumping from the area the drainage enters into the north wetland. Five water samples were collected for laboratory analysis and six field measurements were taken. 1. North side of section road as water entered culvert, background, no oil sheen (field measurements - EC 2170 us/cm, Cl - 195 ppm); 2. Drainage between section road and first wetland to south, oil sheen on water and vegetation (field measurements - EC 3850 us/cm, Cl - 301 ppm); 3. Entrance of first wetland, in area that pumping is conducted, oil sheen on water and vegetation (field measurements - EC 3770 us/cm, Cl 534 ppm); 4. From culvert exiting north wetland through dike, no oil sheen (field measurements - EC 4800 us/cm, Cl - 1011 ppm). 5. Sampled at small beaver dam in drainage between south wetland and lake, no oil sheen (field measurements - EC 3720 us/cm, Cl - 442 ppm) 6. As drainage widens into lake, east side, no oil sheen (field measurements - EC 2160 us/cm, Cl - 211 ppm). More follow-up required.

**Updated Oil Volume:****Updated Salt Water Volume:****Updated Other Volume:****Updated Other Contaminant****Notes:**

6/25/2015 at 11:30, on location. Met with responsible party, contractor, and consultant personnel, as well as Fish and Wildlife personnel and the Divide Co. emergency manager. Visited site, toured impacted area, and discussed options. It was determined that the current course of action would be to excavate out the impacted drainage from where the line broke to where it enters a wetland slough to the south of the line break, this will allow the removal of both oil impacted soil/vegetation as well as the salt water impacted soil/vegetation. Contractors proposed doing the excavation in sections, allowing them to dam up the drainage, suck the water out of the dammed area, and then excavate, moving from the line break down to the wetland slough. Consultants will inquire with US Army Corps of Engineers before work starts on procedure for damming and excavating the drainage. Samples were collected with consultants at Norman Lake's inlet and a lake outlet down drainage from where the line break occurred, as well as the outlet for a stock pond located northeast and up drainage from the line break. These will serve as a background samples.

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**Date:** 6/26/2015    **Status:** Correspondence

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received chloride laboratory data for the site from the consultants.

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**Date:** 7/1/2015    **Status:** Inspection

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Arrived at location to meet with USFWS and responsible party's consultant. Drainage and waters associated with the wetland are still impacted by free standing oil and periodic pumping taking place in the edge of the wetland. The contractor was instructed to continue pumping impacted water from the wetland. A meeting was set up for Friday the 10th of July to address the issues on location. More follow-up is necessary.

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**Date:** 7/7/2015    **Status:** Inspection

**Author:** Crowds, Kory

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

At location 7/7/2015, at 10:30 am. Took samples from three locations. The first was from wetland north of roadway, there was no visible sheen at this location at this time. The second was on the south side of roadway approximately 75 ft from culvert. The third sample was from a nearby wetland to the east of release area. I walked the area to the south of release, which is enclosed by temporary fencing, approximately 1000 ft. Oil impacts can be seen in the water, on vegetation and on the banks of wetland. Booms are in place just to the south of the culvert and further south near the pumping area. Pumping was in progress from the culvert south of road to keep any more water from entering the impacted area. Further follow-up is required.

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**Date:** 7/8/2015      **Status:** Correspondence

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Call made to responsible party VP regarding this environmental incident. The responsible party was instructed to begin cutting down impacted grass and to continue pumping impacted water out of the wetland. More follow-up is necessary.

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**Date:** 7/9/2015      **Status:** Inspection

**Author:** Crowds, Kory

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

At location 7/9/2015, at 10:20 am. Pumping from culvert on south side of road continued. No other work had been done at this time. Returned to site at 3:20 pm. Crew was on-site cutting down impacted vegetation in impacted area just south of road. Met with personnel from heat waves and was told the plan is to cut down impacted vegetation in fenced off area, bag and remove for disposal. Field Chloride readings were taken at this time. Wetland north of road - 462ppm, pumping area at south end of fenced area - 930ppm, a sample was also taken from this location. Field Chloride reading for the inlet from wetland to Norman lake - 223ppm and a sample was taken from this location as well. Further follow-up is required.

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**Date:** 7/9/2015      **Status:** Correspondence

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Call made to responsible party's contractor. Contractor has hired another company to begin with the removal of the impacted vegetation and has resumed pumping the impacted water out of the wetland. More follow-up is necessary.

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**Date:** 7/13/2015    **Status:** Inspection

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Arrived on location at 10:45 7/13/2015. Met with USFWS staff and Company contractor. Assessed the extent of impact by oil. Instructed contractor to remove more impacted vegetation, excavate the initial point of impact, continue to pump oil impacted water and to use sorbent pads to assist in the removal of residual oil in drainage. More follow-up is necessary.

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**Date:** 7/15/2015    **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

7/15/2015 at 14:10, on location. Met with site personnel. Impacted vegetation has been cut, and removed to the Prairie Disposal landfill. Currently, crews are excavating impacted dirt from around the flowline break. Took four chloride readings downstream of the impacted drainage.

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**Date:** 7/16/2015    **Status:** Correspondence

**Author:** Stockdill, Scott

**Updated Oil Volume:** 40.00 barrels

**Updated Salt Water Volume:** 30.00 barrels

**Updated Other Volume:** 20.00 barrels

**Updated Other Contaminant**

**Notes:**

Email from the Consultant for the responsible party. 09:54 7/16/2015.  
Update on the volume of material released.  
More follow-up is necessary.

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Arrived on location 7/29/2015. Field readings are as follows:

Chloride test strips (PPM Cl-)

-Norman Lake= 191-206

-Beaver Dam= 843-915

-North Background= 40-47

-North of Road= 323-347

-W side of downstream wetland= 1257-1360

-Area beyond oil absorbent socks= 1472-1594

Oil still present in pooling areas with a majority of oil entrained in the vegetation and soil in the pooling areas.